

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1335	382/239.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 14:40
L2	358	375/240.02.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 14:40
S35	235	filter\$4 with no with (edge or contour) and (wavelet or decompos\$5 or pyramid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:16
S36	77	filter\$4 with no with (edge or contour) and (wavelet or decompos\$5 or pyramid)and quantiz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:16
S37	68	filter\$4 with no with (edge or contour) and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:17
S38	31	filter\$4 near5 no with (edge or contour) and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:26
S39	46	kernel with (edge or contour) and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:26

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S40	62	kernel with (edge or contour or border or boundar\$4) and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:38
S41	3	kernel with (edge or contour or border or boundar\$4)with (weight\$4 or coefficient) and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:39
S42	119	(edge or contour or border or boundar\$4)with (weight\$4 or coefficient)with zero and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:40
S43	13	(edge or contour or border or boundar\$4)with (weight\$4 )with zero and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:41
S44	122	(edge or contour or border or boundar\$4)same (weight\$4 ) with filter\$4 and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:41
S45	9	(edge or contour or border or boundar\$4)same (weight\$4 ) with filter\$4 with (zero or "0") and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:42
S46	82	(edge or contour or border or boundar\$4)and (weight\$4 ) with filter\$4 with (zero or "0") and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:43

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S47	9	(edge or contour or border or boundar\$4)same (weight\$4 ) with filter\$4 with (zero or "0") and (wavelet or decompos\$5 or pyramid)and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 08:43
S48	46	(edge or contour or border or boundar\$4)same (weight\$4 ) with filter\$4 with (zero or "0") and quantiz\$5 and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:01
S49	91	(edge or contour or border or boundar\$4)with convolution and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:03
S50	3	(edge or contour or border or boundar\$4)with convolution with (around or along or perimeter) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:07
S51	7	(edge or contour or border or boundar\$4)with convolution with (range or area or region) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:07
S52	12	(edge or contour or border or boundar\$4)with convolution with (range or area or region or domain) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:13
S53	12	(edge or contour or border or boundar\$4)with convolution with (range or area or region or domain or exterior) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:13

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S54	12	(edge or contour or border or boundar\$4)with convolution with (range or area or region or domain or exterior or outside) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:13
S55	12	(edge or contour or border or boundar\$4)with convolution with (range or area or region or domain or exterior or outside or object) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:14
S56	15	(edge or contour or border or boundar\$4)with (convolution or kernel) with (range or area or region or domain or exterior or outside or object) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:14
S57	15	(edge or contour or border or boundar\$4)with (convolution or kernel) with (range or area or region or domain or exterior or outside or object with pixel) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:15
S58	34	(edge or contour or border or boundar\$4)with (convolution or kernel) with (range or area or region or domain or exterior or outside or object or pixel) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:16
S59	101	(edge or contour or border or boundar\$4)with (convolution or kernel or filter\$4) with (exterior or outside or inside or interior) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:41
S60	27	(object)with (convolution or kernel or filter\$4) with (exterior or outside or inside or interior) and quantiz\$5 and (encod\$4 or compress\$4)and (wavelet or pyramid or decompos\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 09:42

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S61	19586	(wavelet or pyramid or decompos\$5 ) with filter\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:12
S62	308	(wavelet or pyramid or decompos\$5 ) with filter\$4 with (edge or contour)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:12
S63	434	(wavelet or pyramid or decompos\$5 ) with filter\$4 with (edge or contour or border or boundar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:12
S64	435	(wavelet or pyramid or decompos\$5 ) with filter\$4 with (edge or contour or border\$4 or boundar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:13
S65	298	(wavelet or pyramid or decompos\$5 ) with filter\$4 with (edge or contour or border\$4 or boundar\$4) and (compress\$4 or encod\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:14
S66	0	(wavelet or pyramid or decompos\$5 ) with filter\$4 with (edge or contour or border\$4 or boundar\$4) with (straddl\$4) and (compress\$4 or encod\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:14
S67	7	(wavelet or pyramid or decompos\$5 ) with filter\$4 with (edge or contour or border\$4 or boundar\$4) with (follow\$4) and (compress\$4 or encod\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:15

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S68	298	(wavelet or pyramid or decompos\$5 ) with filter\$4 with (edge or contour or border\$4 or boundar\$4) and (compress\$4 or encod\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:15
S69	1	("6539060").PN.	USPAT	OR	OFF	2007/08/29 12:23
S70	1	("5877813").PN.	USPAT	OR	OFF	2007/08/29 12:25
S71	1120	orthogonal with wavelet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:25
S72	848	orthogonal with wavelet and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:28
S73	196	orthogonal with wavelet and (encod\$4 or compress\$4) and filter\$4 with (edge or contour or border\$4 or boundar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:31
S74	134	orthogonal with wavelet and (encod\$4 or compress\$4) and filter\$4 with (edge or contour or border\$4 or boundar\$4)and wavelet with coefficient	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 13:52
S75	1	("20030012406").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 13:52
S76	12	quantization adj factor with "h.263"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:30

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S77	254	filter\$4 with weight\$4 with averag\$4 same (Edge or contour or border)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:32
S78	254	filter\$4 with weight\$4 with averag\$4 same (Edge or contour or border)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:33
S79	129	filter\$4 with weight\$4 with averag\$4 same (Edge or contour or border) same pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:37
S80	70	filter\$4 with weight\$4 with averag\$4 same (Edge or contour or border) same pixel and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:13
S81	125	filter\$4 with weight\$4 same averag\$4 same (Edge or contour or border) same pixel and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:26
S82	1	("6305805").PN.	USPAT	OR	OFF	2007/08/30 11:20
S83	17	weight\$4 near5 averag\$4 adj10 filter\$4 same (Edge or contour or border) same pixel and (encod\$4 or compress\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:32
S84	13	weight\$4 near5 averag\$4 adj10 filter\$4 same (Edge or contour or border) same pixel and (encod\$4 or compress\$4) and transform\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:35

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S85	14	weight\$4 near5 averag\$4 adj20 filter\$4 same (Edge or contour or border) same pixel and (encod\$4 or compress\$4) and transform\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:35
S86	14	weight\$4 near5 averag\$4 adj100 filter\$4 same (Edge or contour or border) same pixel and (encod\$4 or compress\$4) and transform\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:35
S87	14	weight\$4 near5 averag\$4 adj200 filter\$4 same (Edge or contour or border) same pixel and (encod\$4 or compress\$4) and transform\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:36
S88	434	weight\$4 near5 averag\$4 adj200 filter\$4 and (encod\$4 or compress\$4) and transform\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:36
S89	1711	weight\$4 near5 averag\$4 same filter\$4 and (encod\$4 or compress\$4) and transform\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:36
S90	93	weight\$4 near5 averag\$4 same filter\$4 same (edge or contour) and (encod\$4 or compress\$4) and transform\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:32
S91	959	replac\$4 with (coefficient or weight) with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:34



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S92	322	replac\$4 with (coefficient or weight) with filter and transform\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:35
S93	0	replac\$4 with (coefficient or weight) with filter same renormalization and transform\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:35
S94	1	replac\$4 with (coefficient or weight) with filter same normalization and transform\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:35
S95	322	replac\$4 with (coefficient or weight) with filter and transform\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:36
S96	17	replac\$4 with (coefficient or weight) with filter with (averag\$4 or median or mean or statistic\$2) and transform\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 12:44


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## » Key

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IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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- ☐ 1. **Adaptive Blocking Artifacts Reduction Algorithm Based on DCT-Domain**  
Wei-Bin Zhao; Yu-Shan Zhang; Zhi-Heng Zhou;  
[Machine Learning and Cybernetics, 2006 International Conference on](#)  
Aug. 2006 Page(s):3909 - 3913  
Digital Object Identifier 10.1109/ICMLC.2006.258744  
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O'Callaghan, R.J.; Bull, D.R.;  
[Image Processing, IEEE Transactions on](#)  
Volume 14, [Issue 1](#), Jan. 2005 Page(s):49 - 62  
Digital Object Identifier 10.1109/TIP.2004.838695  
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Lyons, W.G.; Arsenault, D.R.; Anderson, A.C.; Sollner, T.C.L.G.; Murphy, P.G.  
Boisvert, R.R.; Slattery, R.L.; Ralston, R.W.;  
[Microwave Theory and Techniques, IEEE Transactions on](#)  
Volume 44, [Issue 7](#), Part 2, July 1996 Page(s):1258 - 1278  
Digital Object Identifier 10.1109/22.508231  
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- ☐ 4. **Adaptive predictor based on maximally flat halfband filter in lifting scherr**  
Wen-Jen Ho; Wen-Thong Chang;  
[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and Sig](#)  
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Volume 47, [Issue 11](#), Nov. 1999 Page(s):2965 - 2977  
Digital Object Identifier 10.1109/78.796432  
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- ☐ 5. **An Improved Method of Content Based Image Watermarking**  
Parthasarathy, A.K.; Kak, S.;  
[Broadcasting, IEEE Transactions on](#)  
Volume 53, [Issue 2](#), June 2007 Page(s):468 - 479